

9/1/2010

EXAMPLE Documentation for New Home Preliminary Ratings

To Allocate Money for a New Home Property...

1st..... Submit a New Home Cover sheet
with the below information by: clicking the Button
“Click to Allocate Funds for a Rating or Audit”
or e-mail to allocatehero@empowerlouisiana.org

SUBMIT EACH NEW HOME PROPERTY
ALLOCATION REQUEST IN A SEPARATE E-MAIL
This will allocate funds for a specific property

2nd..... A CO# will be assigned to the property
within 48 to 72 hours and e-mailed back to you.
The CO# assigned to the property must be included
in the preliminary and final rating documentation
when they are submitted

EmPower Louisiana LOUISIANA DEPARTMENT OF NATURAL RESOURCES		HERO Cover Sheet New Homes																																											
CO #																																													
1 Open Application/14 Day Funds Obligation		2 Preliminary Rating / 6 Month Obligation																																											
Rated Property Zip: 70126 City: New Orleans State: Louisiana Street Address: 123 Example Street Parish: Orleans		Date: HERS Score for Builder's Challenge: must be ≤ 70																																											
Rater/Auditor Rater SSN/VIN#: 123-45-6789 Rater Name: Joe Rater Rater Ph. #: 504-111-1111 Rater email: joe_rater@haha.find		Tax Credit Level 50% Target As Designed Heating: must be ≥ MMBtu/yr Cooling: must be ≥ MMBtu/yr Total: must be ≥ MMBtu/yr Meets Builders Challenge: y/n Rebate \$2,000 Meets Fed Tax Credit: y/n Rebate \$3,000																																											
Applicant Manager Applicant Name: Joe Smith Applicant ID: phone: <input type="checkbox"/> Mailing address: Zip: City: State: Street Address: Parish: Rating Software REMRate Name: Version: Company Meter # Utility Provider / Gas / Propane / Electric		3 FINAL Rating Date: HERS Score for Builder's Challenge: must be ≤ 70																																											
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		Required Documents																																											
		<table border="1"><thead><tr><th></th><th>Prelim</th><th>Final</th></tr></thead><tbody><tr><td>HERO Cover Sheet</td><td>✓</td><td>✓</td></tr><tr><td>W-9</td><td>✓</td><td>—</td></tr><tr><td>Form 1119</td><td>unsigned</td><td>signed</td></tr><tr><td>Tax Letter</td><td>✓</td><td>—</td></tr><tr><td>New ENERGY STAR® HVAC Equipment Form</td><td>—</td><td>✓</td></tr><tr><td>New NON-ENERGY STAR® HVAC Equipment Form</td><td>—</td><td>✓</td></tr><tr><td>SHPO Form</td><td>✓</td><td>—</td></tr><tr><td>Foundation Certification</td><td>—</td><td>✓</td></tr><tr><td>REMRate BLG Files</td><td>✓</td><td>✓</td></tr><tr><td>Economic Summary</td><td>✓</td><td>✓</td></tr><tr><td>Home Tax Credit Report</td><td>✓</td><td>✓</td></tr><tr><td>Energy Cost and Features Report</td><td>—</td><td>✓</td></tr><tr><td>Quick Analysis Report for As-Is and Proposed/Impr</td><td>✓</td><td>✓</td></tr></tbody></table>			Prelim	Final	HERO Cover Sheet	✓	✓	W-9	✓	—	Form 1119	unsigned	signed	Tax Letter	✓	—	New ENERGY STAR® HVAC Equipment Form	—	✓	New NON-ENERGY STAR® HVAC Equipment Form	—	✓	SHPO Form	✓	—	Foundation Certification	—	✓	REMRate BLG Files	✓	✓	Economic Summary	✓	✓	Home Tax Credit Report	✓	✓	Energy Cost and Features Report	—	✓	Quick Analysis Report for As-Is and Proposed/Impr	✓	✓
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Energy Cost and Features Report	—	✓																																											
Quick Analysis Report for As-Is and Proposed/Impr	✓	✓																																											
		Notes																																											

To Submit a Preliminary or Final Rating for a New Home Property...

1st..... After conducting the preliminary rating, fill out all of the documentation described in this guide as per the included examples.

After conducting the final rating, fill out all of the documentation described in the New Home Final Example Guide as per those included examples.

2nd..... To submit either a preliminary or final rating under the EmPower Louisiana HERO Program, either click the Button on this site titled “Click to Submit a Rating or Audit Under HERO” or e-mail to: submithero@empowerlouisiana.org

Will be automatically assigned when funding is requested for a specific property

From Plans Quick Analysis

Directly from Preliminary 2005 EPACT Energy Efficiency Home Tax Credit Report



CO # **CO#123456**

HERO Cover Sheet
New Homes

1 Open Application/14 Day Funds Obligation

Rated Property	70126
City	New Orleans
State	Louisiana
Street Address	123 Example Street
Parish	Orleans

Rater/Auditor	123-45-6789
Rater SSN/VIN#	Joe Rater

Rater Name: 504-111-1111
Rater Email: joe_rater@haha.find

Applicant Name: Joe Smith

Applicant ID	987-65-4321
phone	504-222-2222

Mailing address sat	70126
Zip	New Orleans

Can be different than Rated Address.
(Info from W9)
City: Louisiana
Address: 457 Another Street
City: Orleans

Rating Software	REMRate
Name	12.83

Utility Provider	Company	Meter #
Gas / Propane	Entergy	44-45897
Electric	Entergy	89-25871

2 Preliminary Rating / 6 Month Obligation

Date: 7/1/07

HERS Score for Builder's Challenge: 71

must be ≤ 71

Tax Credit Level

50% Target

AS Designed

Heating	5.4	must be ≥	4.7	MMBtu/yr
Cooling	14.4	must be ≥	18.8	MMBtu/yr
Total	19.9	must be ≥	23.5	MMBtu/yr

y/n rebate

Meets Builders Challenge: NO

Meets Fed Tax Credit: NO

\$3,000

3 FINAL Rating

Date

HERS Score for Builder's Challenge

must be ≤ 70

Tax Credit Level

50% Target

As Designed

Heating		must be ≥		MMBtu/yr
Cooling		must be ≥		MMBtu/yr
Total		must be ≥		MMBtu/yr

y/n rebate

Meets Builders Challenge

Meets Fed Tax Credit

\$3,000

Required Documents

	Prelim	Final
HERO Cover Sheet	✓	✓
W-9	✓	—
Form 1119	unsigned	signed
Tax Letter	✓	—
New ENERGY STAR® HVAC Equipment Form	—	✓
New NON-ENERGY STAR® HVAC Equipment Form	—	✓
SHPO Form	✓	—
Foundation Certification	—	✓
REMRate BLG Files	✓	✓
Economic Summary	✓	✓
Home Tax Credit Report	✓	✓
Energy Cost and Features Report	—	✓
Quick Analysis Report for As-Is and Proposed/Improvements	✓	✓

2 bldg files =
Home From
Plans & Proposed

List of all documents
submitted with an
Existing Home
Preliminary



HERO Program Tax Letter

CO# **CO#123456**

Dear HERO Participant,

Congratulations on your decision to participate in the HERO Program. Whether you are participating in the **New Homes**, **Existing Homes**, or **Existing Commercial Retrofit** program, your participation will benefit you in saved utility bills and greater comfort long after any rebate that you receive for making your home or commercial building more energy efficient is gone.

Participation Guidelines

Participation in the HERO program is governed by the guidelines for each program and the accompanying ARRA Requirements. By signing this letter you are agreeing to abide by the stated guidelines and requirements:

- EmPower Louisiana HERO–**New Homes** Program Guidelines
- EmPower Louisiana HERO–**Existing Home** Program Guidelines
- EmPower Louisiana HERO–**Commercial Buildings Retrofit** Program Guidelines
- EmPower Louisiana HERO–**ARRA Requirements**

Rules, guidelines, and procedures for the HERO Program are subject to change without notice. The guarantee that your home or commercial building will be processed under the program only occurs once the HERO Program receives a preliminary rating for your home or commercial building, as submitted by a HERO-Certified Energy Rater or Energy Auditor. Your rebate will be based upon the guidelines that are in place at the time that the HERO Program receives your preliminary rating or audit.

Rebates are Taxable

All rebate amounts currently will be taxable although we have applied to the IRS for a declaration that this award be nontaxable. Should the IRS reverse their decision on taxing this cash rebate, you will not receive a 1099 for this rebate amount in the upcoming tax season. Please save this notification with your tax information for the upcoming tax season. For complete guidelines and additional information for the HERO Program website (<http://www.EmPowerLouisiana.org>) or contact the HERO program hotline at 1-877-319-1368.

Consent to Audit

By participating in this program you consent to a possible follow up rating/audit within a three year period from the time of the rebate check date. You will be notified in advance, to schedule a time at your convenience, should your home/commercial building be randomly selected for such an audit. Thank you for your participation.

Joe Smith

Participant Full Name

Joe Smith

Participant Signature

7/1/07

Date

123 Example Street

Rated/Audited Property Address

New Orleans

City

LA

State

70126

Zip

Filled out by the homeowner

Submitted by the Rater

Form W-9

Name of the Person submitting the W-9

ONLY ONE PERSON'S NAME SHOULD BE HERE AS IT OFFICIALLY APPEARS IN CONNECTION WITH THE PROVIDED SSN -

not Jonathan and Mary Doe

For businesses - a person's name does not have to be provided HERE (unless sole proprietor)

BUT SOME ONE MUST SIGN IT HERE

And PLEASE PRINT NAME LEGIBLY AFTER

If for a business fill in this blank

If for an individual leave this blank

Check the appropriate box here

Address where CHECK is to be sent

If furnishing a SSN fill it in HERE

If furnishing a EIN fill it in HERE

Individual Signs it - Prints the name that is signed next to it - and dates it HERE

Form W-9 (Rev. November 1999)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

Name (If a ~~business~~ or you changed your name, see Specific Instructions on page 2.)
Joe Smith

Business name, if different from above. (See Specific Instructions on page 2.)

Check appropriate box:
☒ Individual/sole proprietor
☐ Corporation
☐ Partnership
☐ Other

Address (number, street, and apt. or suite no.)
**123 Example Street
New Orleans, LA 70126**

Part I Taxpayer Identification Number (TIN)
Enter your TIN in the appropriate box. For individuals, this is your social security number (SSN); however, if you are a resident alien OR a sole proprietor, see the instructions on page 2. For other entities, it is your employer identification number (EIN). If you do not have a number, see **How to get a TIN** on page 2.
9 8 7 6 5 4 3 2 1
OR
Employer identification number
72 1 1 2 3 4 5 6

Part II For Payees Exempt From Backup Withholding (See the instructions on page 2.)

Part III Certification
Under penalties of perjury, I certify that:
1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding.
Certification instructions. You must cross out item 1 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and general disbursements other than interest and dividends, you are not required to sign the Certification, but you must provide your correct TIN. (See the instructions on page 2.)

Signature **Joe Smith** Date **7/1/2007**

What is backup withholding? Persons
5. You do not certify to the requester

Failure to furnish TIN. If you fail to furnish your correct TIN to a requester, you are subject to a penalty of \$50 for each such failure unless your failure is due to reasonable cause and not to willful neglect.
Civil penalty for false information with respect to withholding. If you make a false statement with respect to reasonable basis that results in no backup withholding, you are subject to a \$500 penalty.
Criminal penalty for falsifying information. Willfully falsifying information on certification or affirmations may subject you to criminal penalties including fines and/or imprisonment.
Misuse of TINs. If the requester discloses or uses TINs in violation of federal law, the requester may be subject to civil and criminal penalties.

Cat. No. 10231X
Form W-9 (Rev. 11-99)

Ph # (504) 222 - 2222 Orleans Parish

Although there is no space provided for it on the form - provide the phone # of the (individual / business) and (parish) Being mailed to HERE

Energy Rated Homes of Louisiana
certifies that the home of
Joe Smith

HERO
Form 1119

Rated Property

Zip **70126**
City **New Orleans**
State **Louisiana**
Street **123 Example Street**
Parish **Orleans**

Program and Rating Status

Program ☒ New Homes ☐ Existing Homes

Rating Status ☒ Preliminary? ☐ Final

Rating / Energy Cost

	As-Is Property	Improved Property
HERS Rating	100	71
Estimated Annual Energy Costs*	\$1,204	\$940
Estimated Annual Savings*		\$264

less efficient 200-151 150-101 100-91 90-86 85-71 70 or less more efficient

★★★ ★★ ★ ★★ ★★ ★★ ★★ ★★

Suggested Improvement Options	Existing Value	Proposed Option	Actual
Ceiling Insulation	R30		
Wall Insulation			
Floor Insulation	R30		
Windows	Double/LowE/Vyn		
Air Leakage			
Duct Leakage			
Water Heater			
Air Leakage	.92 EF		
Heating Equipment	3000cfm@50		
Cooling Equipment	8.5 HSPF		
Other	14 SEER		
Total Package			

From Preliminary Economic Summary

HERO Certified Energy Rater

Joe Rater

Home Owner

Blank on

Name _____
Signature _____
Date **7/6/10**

Name _____
Signature _____
Date _____

Preliminary



of Louisiana
LA Dept of Natural Resources

Notes: Savings total for individual efficiency measures may not equal the value of the features combined together. Every effort has been made to provide accurate information on this form based on the professional judgement of the Energy Rater at the time of the rating. No warranty as to specific energy performance is expressed or implied by the information on this form. 1. Owner signature required only for final rating. 2. Preliminary rating for New Homes must be done from building plans.

From Energy Cost & Feature Report

Always 100 on a New Home
(a 100 point home meets 2004 IECC)

Proposed Rating Score/Index for the final
(as is of plans)

QUICK ANALYSIS REPORT

Date: April 20, 2010

Rating No.:

Building Name:

Rating Org.: Consulting

Owner's Name: Joe Smith

Phone No.: 987-654-3210

Property: 123 Example Street

Rater's Name: Joe Rater

Address: New Orleans, LA 70126

Rater's No.:

Builder's Name:

Weather Site: New Orleans, LA

Rating Type: Based On Plans

File Name: E.Beard4045AthisCtBLGF.blg

Rating Date: 07/01/2007

Codes

IECC 2009 Performance:	Fails
IECC 2006 Performance:	Passes
IECC 2004 Performance:	Passes
IECC 2003 Performance:	Passes
IECC 2001 Performance:	Passes
IECC 2000 Performance:	Passes
IECC 1998 Performance:	Passes
ECC of NY Performance:	Passes
ECC of NV Performance:	Passes
MEC 1995 Performance:	Passes
MEC 1993 Performance:	Passes
MEC 1992 Performance:	Passes
ASHRAE 90.2 Performance:	Passes

Programs

EPA ENERGY STAR	Passes
Tax Credit	Fails
HERS Index	71

Quick analysis Score from Plans

2005 EPACT ENERGY EFFICIENT HOME TAX CREDIT

Date:	April 20, 2010	Rating No.:	
Building Name:		Rating Org.:	Consulting
Owner's Name:	Joe Smith	Phone No.:	987-654-3210
Property:	123 Example Street	Rater's Name:	Joe Rater
Address:	New Orleans, LA 70126	Rater's No.:	
Builder's Name:			
Weather Site:	New Orleans, LA	Rating Type:	Based On Plans
File Name:	E.Beard4045AthisCtBLGF.blg	Rating Date:	07/01/2007

Normalized, Modified End-Use Loads (MMBtu/year)

	2004 IECC	
	50% Target	As Designed
Heating:	5.4	4.7
Cooling:	14.4	18.8
Total:	19.9	23.5

Information transferred
to Cover Sheet

Envelope Loads (MMBtu/year)

	2004 IECC	
	90% Target	As Designed
Heating:	9.8	5.7
Cooling:	25.9	24.5
Total:	35.7	30.3

This home DOES NOT meet the requirements for the residential energy efficiency tax credits under Section 1332, Credit for Construction of New Energy Efficient Homes, of the Energy Policy Act of 2005.

Ceiling Flat: R-30
Vaulted Ceiling: NA
Above Grade Walls: U-0.051
Foundation Walls: NA
Exposed Floor: R-30

Building Features

Slab: None
Duct: R-6.0
Window: U-Value = 0.360, SHGC = 0.450
Air-Source HP: Electric, Htg: 8.5 HSPF, Clg: 14.0 SEER.

Shows that this home Does Not Meet
the Tax Credit Criteria as designed
and will need additional measures to
qualify for the Tax Credit Level

This report provides information useful in determining whether the home qualifies for Energy Efficiency Tax Credits. It is not valid for tax purposes, as homes must be inspected and approved by a certified HERS rater in order to qualify.

ECONOMIC SUMMARY - 2004 IECC

Date: April 20, 2010 Rating No.:
 Building Name: Rating Org:
 Owner's Name: Joe Smith Phone No.: 987-654-3210
 Property: 123 Example Street Rater's Name: Joe Rater
 Address: New Orleans, LA 70126 Rater's No.:
 Builder's Name:
 Weather Site: New Orleans, LA Rating Type: Based On Plans
 File Name: E.Beard4045AthisCtBLGF.blg Rating Date: 07/01/2007

Run the Economic Summary 2 bldg Report
 comparing the New Home to the 2004 IECC

Simple Payback (yrs): 45

First Year Savings (\$):

Heating	161
Cooling	92
Water Heating	11
Lights & Appliances	0
Photovoltaics	0
Service Charges	0
Total	264

First Year Cost	1222
Net Saving	-958

Assumptions:

Improvement Cost (\$)	\$	12000
Interest Rate (%)		8.0
Loan Term (yrs)		20

Always \$12,000

Does not matter

Present Value of Savings (\$):

Heating	2007
Cooling	1152
Water	135
Lights & Appliances	0
Photovoltaics	0
Service Charges	0
Total	3294

Assumptions:

Improvement Cost (\$)	\$	12000
Discount Rate (%)		5.0
Fuel Escalation Rate (%)		0.0
Improvement Life (yrs)		20

Always 5

Always 0

Always 20 years
 on New Homes

EEP equals Total

"Energy Efficiency Premium"

"Cost of Energy Savings"

"Present Value of Energy Savings"

Improvement Cost	12000
Net Savings	-8706

Differences

From
 REFERENCE

To

Ceiling w/Attic	N/A U=0.035	R-30 Blown, Attic U=0.033
Frame Walls	N/A U=0.082	SIP 3-5/8" U=0.051
Doors	N/A U=0.750	Fiberglass Door U=0.268

REM/Rate - Residential Energy Analysis and Rating Software v12.83

This information does not constitute any warranty of energy cost or savings.
 © 1985-2010 Architectural Energy Corporation, Boulder, Colorado.

ECONOMIC SUMMARY - 2004 IECC

E.Beard4045AthisCtBLGF.blg

Page 2

Windows	UDRH Std U=0.750	Double/LoE - Vinyl U=0.360
Frame Floors	N/A U=0.257	R-30 U=0.034
Ducts	NA	R-6.0 Conditioned space
Duct Leakage	NA	0.00 CFM @ 50 Pascals
Mechanical Equipment List	ASHP: Htg: 54.6 kBtuh, 7.7 HSPF. Clg: 20.8 kBtuh, 13.0 SEER.	ASHP: Htg: 41.1 kBtuh, 8.5 HSPF. Clg: 24.0 kBtuh, 14.0 SEER.
	Water Heating: Conventional, Elec, 0.89 EF.	Water Heating: Conventional, Elec, 0.92 EF.
Infiltration	Htg: 0.00048 Clg: 0.00048 SLA	Htg: 3000 Clg: 3000 CFM50
Infil. Measure	Blower door test	Blower door test

DRAFT

Run the Economic Summary 2 bldg Report
comparing the New Home to the 2004 IECC

ENERGY COST AND FEATURE REPORT - 2004 IECC

Date: April 20, 2010

Rating No.:

**Run the Energy Cost & Feature 2 bldg Report
comparing the New Home to the 2004 IECC**

Building Name:

Rating Org.: Consulting

Owner's Name: Joe Smith

Phone No.: 987-654-3210

Property: 123 Example Street

Rater's Name: Joe Rater

Address: New Orleans, LA 70126

Rater's No.:

Builder's Name:

Weather Site: New Orleans, LA

Rating Type: Based On Plans

File Name: E.Beard4045AthisCtBLGF.blg

Rating Date: 07/01/2007

	REFERENCE	E.Beard4045AthisCtBLGF	DIFF	% DIFF
ANNUAL ENERGY COSTS				
Heating	\$ 227	\$ 66	\$ 161	70.9%
Cooling	\$ 283	\$ 191	\$ 92	32.6%
Water Heating	\$ 251	\$ 240	\$ 11	4.3%
Lights & Appliances	\$ 443	\$ 443	\$	
Photovoltaics	\$ -0	\$ -0	\$	
Service Charges	\$ 0	\$ 0	\$	
Total	\$ 1204	\$ 940	\$ 264	21.9%
Average Monthly	\$ 100	\$ 78	\$ 22	21.9%

**Estimated Annual Pre-Improvement
Energy Cost Goes on Form 1119**

ENERGY FEATURES

Ceiling w/Attic:	N/A U=0.035	R-30 Blown, Attic U=0.033
Vaulted Ceiling:	None	
Above Grade Walls:	N/A U=0.082	SIP 3-5/8" U=0.051
Foundation Walls (Cond):	None	
Found. Walls (Uncond):	None	
Doors:	N/A U=0.750	Fiberglass Door U=0.268
Windows:	UDRH Std U=0.750	Double/LoE - Vinyl U=0.360
Frame Floors:	N/A U=0.257	R-30 U=0.034
Slab Floors:	None	
Infiltration:	Htg: 0.00048 Clg: 0.00048 SLA	Htg: 3000 Clg: 3000 CFM50
Infilt. Measure:	Blower door test	
Mechanical Ventilation:	None	
Interior Mass:	Tile	
Mech Equip List:	ASHP: Htg: 54.6 kBtuh, 7.7 HSPF. Clg: 20.8 kBtuh, 13.0 SEER. Water Heating: Conventional, Elec, 0.89 EF.	ASHP: Htg: 41.1 kBtuh, 8.5 HSPF. Clg: 24.0 kBtuh, 14.0 SEER. Water Heating: Conventional, Elec, 0.92 EF.
Programmable Thermostat:	Heat=No; Cool=No	
Ducts:	NA	R-6.0 Conditioned space
Duct Leakage:	NA	0.00 CFM @ 50 Pascals
Lights/Appliances:	Defaults	
Active Solar:	None	

**Estimated Annual Post-Improvement
Energy Cost Goes on Form 1119**

**Estimated Annual Energy
Savings Goes on Form 1119**

ENERGY COST AND FEATURE REPORT - 2004 IECC

E.Beard4045AthisCtBLGF.blg

Page 2

Photovoltaics: None

Sunspace: No

Notes: Where feature level varies in home, the dominant value is shown. Only changed features are shown for Bldg 2.

DRAFT



Run the Energy Cost & Feature 2 bldg Report
comparing the New Home to the 2004 IECC